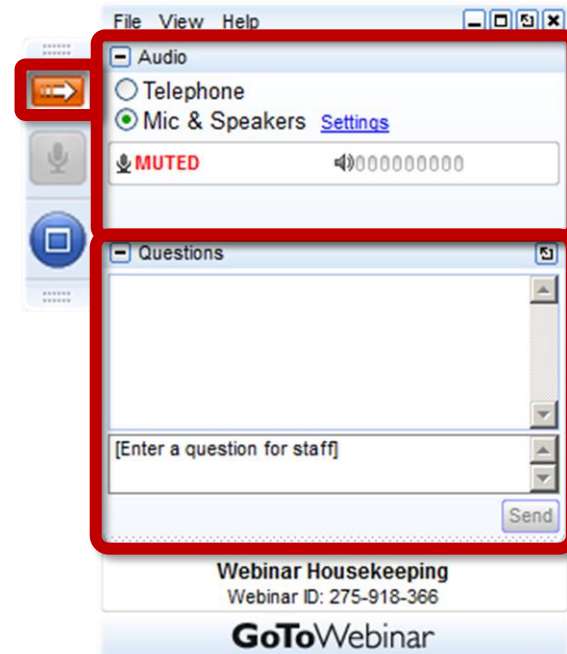




# All Participant Call

July 18, 2024

# How Do I Participate?



## Your Participation

Open and close your control panel

Join audio:

- Choose "Mic & Speakers" to use VoIP
- Choose "Telephone" and dial using the information provided

Submit questions and comments via the Questions panel

**Note:** Today's presentation is being recorded and will be provided within 48 hrs

# Today's Topics

Employee Spotlight	John McBride
eHealth Exchange Annual Meeting	Tina Feldmann
New TEFCA Public Health Use Cases	Mike Yackanich Dan Paseltiner
Payer Update	Mike Yackanich
Coordinating Committee Elections	Pat Russell
QHIN Update	Mike Yackanich Pat Russell
Events & Other Exciting News	Tina Feldmann
Information & Resources	Ashley Green
Q&A	Anyone

# Employee Spotlight

# John McBride

Senior Interoperability Engineer

[John McBride | LinkedIn](#)



# eHealth Exchange Annual Meeting

Save  
-THE-  
Date



eHealth Exchange  
ANNUAL  
MEETING  
NASHVILLE ★ TN  
DECEMBER 10 2024

Join us as we **illuminate** progress made during the year, **amplify** the work to push interoperability forward, as we **stay on beat** with regulatory updates.

# Who Attends



**eHEALTH EXCHANGE 2024 ANNUAL MEETING**

## Our Attendees

While our Annual Meeting is widely attended by eHealth Exchange participants, all are welcome!

### Projected Attendance

150 Attendees

---

### Types of Organizations/Individuals Attending

- Health IT Interoperability and Policy Experts
- Government Officials
- Federal Agencies
- Public Health Agencies
- Regional and State HIEs
- TEFCA QHINs and California QHIOs
- Healthcare Organizations
- Electronic Health Record (EHR) Companies
- Health Plans
- Digital Health Companies (Apps)
- eHealth Exchange Validated Vendors

---

### Attendee Roles

- President/CEO
- CIO/ CTO
- CMIO
- Executive Director
- VPs of Operations & Information Systems
- Directors of IT, Health Information Systems, & HIE

[ehealthexchange.org/annual-meeting](https://ehealthexchange.org/annual-meeting)



# Join Us!

## Hotel Information Embassy Suites by Hilton Downtown Nashville

708 Demonbreun Street  
Nashville, TN 37203

### Room Rate

\$249 + taxes/night

(available until November 19, 2024)

[Annual Meetings 2024 - Start your reservation \(passkey.com\)](https://passkey.com)



# Sponsorship Prospectus Available



Sponsorship	Cost
Reception Sponsorship	\$10,000
Entertainment Sponsorship	\$4,000
Wi-Fi Sponsorship	\$4,000
Break Sponsorship	\$2,000
Advocate Sponsorship	\$1,000

# New TEFCA Public Health Use Cases



# Public Health Use Case: Electronic Case Reporting

# New Public Health Use Cases



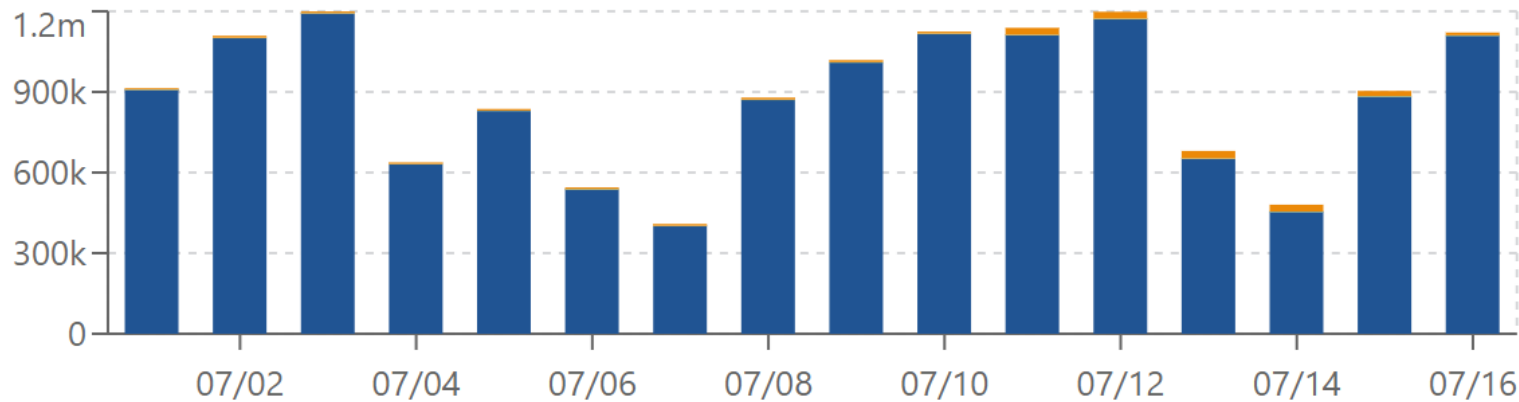
**“The Centers for Disease Control and Prevention (CDC) has achieved a major public health milestone – the launch of the first two public health use cases for TEFCA, electronic case reporting and public health query!”**

# New Public Health Use Cases

As of July 1, eHx QHIN began to initiate to the TEFCA network for two Public Health use cases:

1. Three (3) Public Health Agencies within CRISP Shared Services began to query the TEFCA network with purpose of use of T-PH (Public Health).
2. APHL AIMS began to exchange across TEFCA network with the Public Health sub-exchange purpose of T-PH-ECR (Electronic Case Reporting).

## Push Notifications



**13,969,873 eHx**

**24,451 CQ**

**201,893 QHIN**

# Standard Operating Procedure (SOP): Exchange Purposes (XPs)

TABLE 1. TEFCA XP CODES OID: 2.16.840.1.113883.3.7204.1.5.2.1

Authorized XP	XP Code	Level
Treatment	T-TREAT	Level 1
TEFCA Required Treatment	T-TRTMNT <span>Requires Response</span>	Level 2
Payment	T-PYMNT	Level 1
Health Care Operations	T-HCO	Level 1
Public Health	T-PH	Level 1
Electronic Case Reporting	T-PH-ECR	Level 2
Electronic Lab Reporting	T-PH-ELR	Level 2
Individual Access Services	T-IAS <span>Requires Response</span>	Level 1
Government Benefits Determination	T-GOVDTRM	Level 1

# Public Health Use Case: Query and Retrieve



# Dan Paseltiner

Staff Data Engineer / Tech Lead

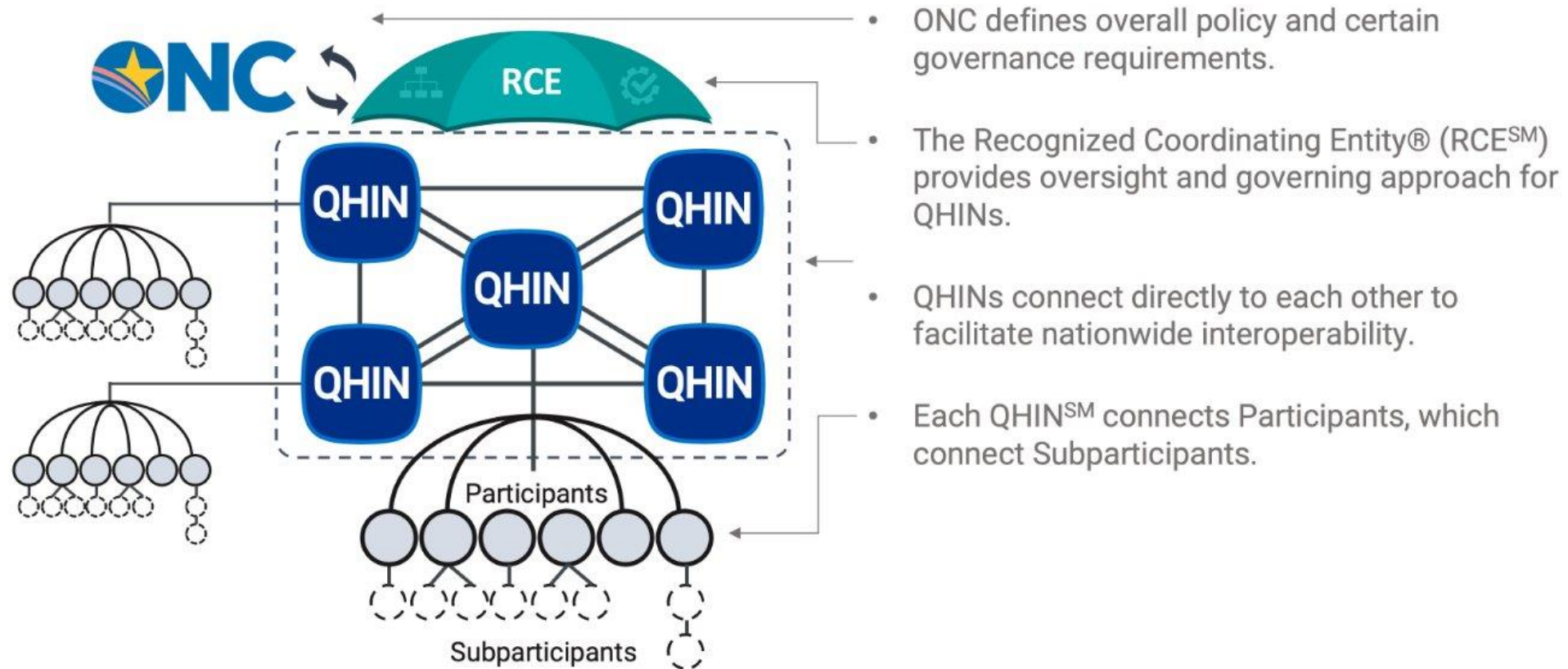
CDC contractor for Data Integration Building Blocks (DIBBS)

[dan@skylight.digital](mailto:dan@skylight.digital)

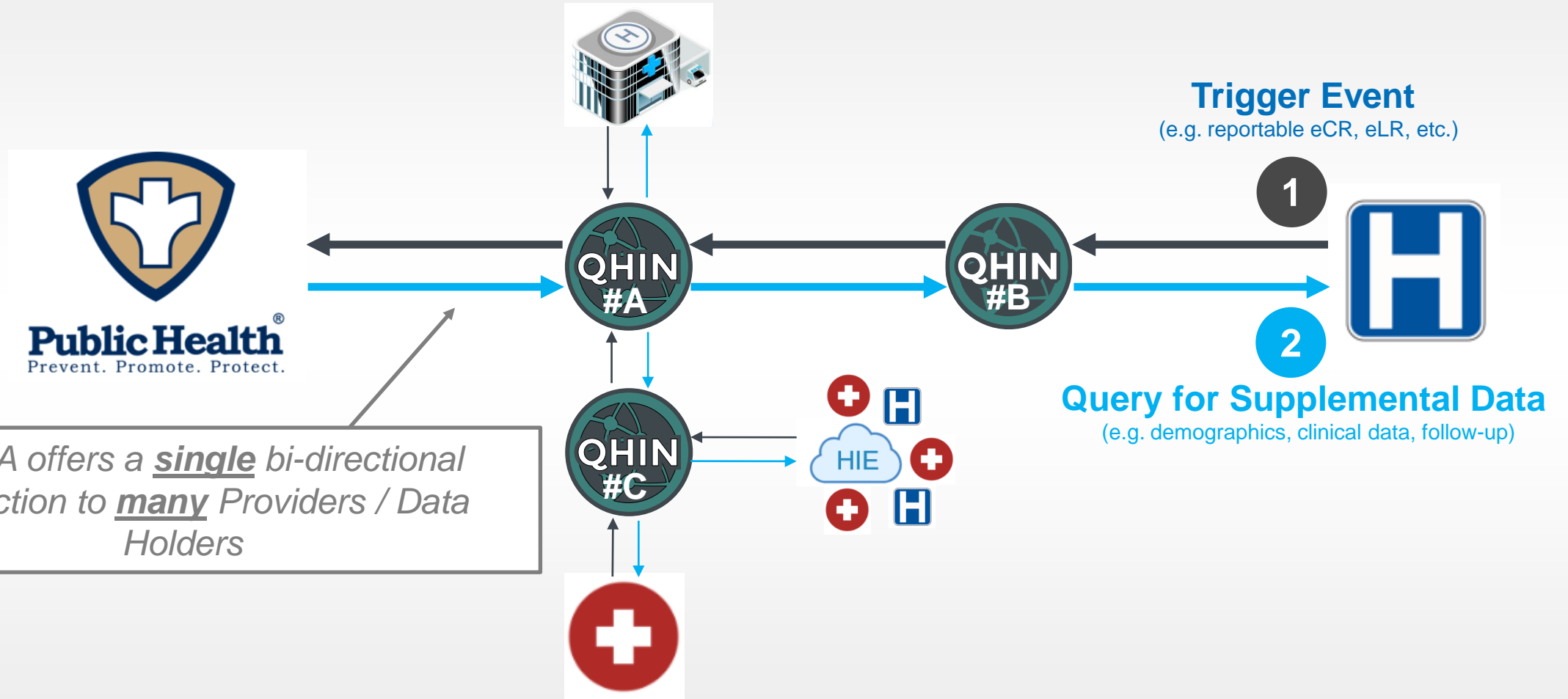


# TEFCA: Overall Structure

Introduces a shared framework of policy and standards for Treatment, Payment, Healthcare Operations, Individual Access Services, **Public Health** and Government Benefits Determination



# TEFCA Public Health Use Case - Query & Retrieve



# Helios Query & Response (May Connectathon)

**NOTE:** Queries can go peer-to-peer or via a Networked FHIR hub (1 connection to Many FHIR endpoints)

**MELD**  
 X-Dest: Meld  
 Pt1: Veronica Blackstone  
 DoB: 6/18/1998  
 Pt2: Kimberly Motley  
 DoB: 12/2/2002

**MELD**  
 X-dest = JMCHelios  
 Pt: JMC, Chlamydia ONE  
 DoB: 5/7/2001

**ORACLE Cerner**  
 X-dest = CernerHelios  
 Pt: Cucumber Hill  
 DoB: 8/29/2023

**HAPI FHIR**  
 X-dest = PublicHAPI  
 Pt: TestforPatientR4 Sanity  
 DoB: 11/3/1919

**Epic**  
 X-dest = OpenEpic  
 Pt: Camila Maria Lopez  
 DoB: 9/12/1987



**NOTE:**

- eHealth Exchange is playing the QHIN Actor for Connectathon testing (but this could be ANY QHIN)
- eHealth Exchange hub allows for 1 technical connection for many responders
- no automatic fan-out for Connectathon testing; instead, select data responder via X-Dest in HTTP Header.

**STLT #1**  
 NYC

**STLT #2**  
 Postman Collection  
 eHealth Exchange™

**STLT #3**  
 DIBBS Client (JMC?)  
 Skylight

**STLT #4**  
 MN DoH

**STLT #5**  
 Hennepin Cty (MN)

**STLT #6**  
 Dallas County

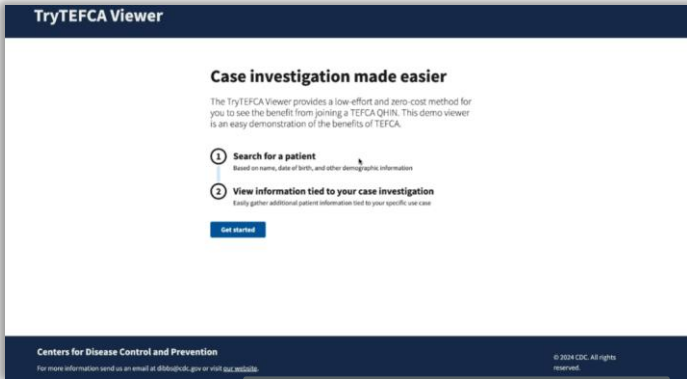
**STLT #7**  
 TX DoH

**STLT #7**  
 MI DoH

**STLT #9**  
 WA DoH

# Live Demo: TryTEFCA Viewer

**1** URL, No Login, No PHI  
<https://dibbs.cloud/tefca-viewer>



**Search by:**

- MRN = 34972316
- ... or by demographics:
- Veronica Blackstone

**2** Patient Search

**Medical Record Number (MRN)**

Medical Record Number

**Case investigation topic**

Use case

**FHIR Server (QHIN)**

FHIR Server

**Search for patient**

**Use Case:**

Various conditions can be configured to query for specific FHIR resources (in alignment with "Minimum Necessary")

**FHIR Server:**

- Facilitated FHIR = "\*Direct"
- ... example: Helios Meld: Direct
- Networked FHIR = "\*eHealthExchange"
- ... example: Public HAPI: eHealthExchange

**3** Query Results (Demographics, REL)

**Query Results**

**Patient Info**

**Demographics**

**Patient Name** Veronica Anne Blackstone

**DOB** 06/18/1998

**Current Age** 25

**Sex** female

**Race** White

**Ethnicity** Hispanic or Latino

**Tribal Affiliation**

**Preferred Language**

**Address** 120 Lucas Rd  
Hamersville, OH 45130

**Contact** home: 937-379-3497  
veronica.sawyer@example.com

**Patient Identifiers** Medical Record Number: 34972316

**4** Query Results (Clinical)

**Observations**

Date	Type	Interpretation	Value
09/05/2023	Pregnancy status 82810-3 <a href="http://loinc.org">http://loinc.org</a>		Pregnant LA15173-0 <a href="http://loinc.org">http://loinc.org</a>
03/12/2024	Chlamydia trachomatis DNA [Presence] in Specimen by NAA with probe detection 21613-5 <a href="http://loinc.org">http://loinc.org</a>	Detected DET Detected	260373001 <a href="http://snomed.info/sct">http://snomed.info/sct</a>
12/15/2023	Housing status 71802-3 <a href="http://loinc.org">http://loinc.org</a>		I do not have housing (staying with family) LA30190-5 <a href="http://loinc.org">http://loinc.org</a>

**Conditions**

Condition	Status
Chlamydial infection, unspecified A74.9 <a href="http://id.who.int/icd/release/10/2019">http://id.who.int/icd/release/10/2019</a>	

**Medication Requests**

Order Date	Medication
03/12/2024	azithromycin 1000 MG 434692 <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a>

# TEFCA – Call to Action

- Visit the Skylight demo: Try the “Try TEFCA Viewer” <https://dibbs.cloud/tefca-viewer>
- Join the HL7 “Helios” FHIR Accelerator for Public Health
- Reach out with any questions:
  - Bill Howard: [bhoward@ehealthexchange.org](mailto:bhoward@ehealthexchange.org)
  - Dan Pasetiner: [dan@skylight.digital](mailto:dan@skylight.digital)
- Join the TEFCA monthly update calls: <https://rce.sequoiaproject.org/>
- Review the TEFCA “Common Agreement” & “Terms of Participation”

# Payer Update

# The Da Vinci Trebuchet FHIR Project

*Trebuchet Vision: To enable Providers to choose one “All payer” prior authorization application or connected network for Clinical Date Exchange (CDex) or other Da Vinci/FHIR use cases using a designated QHIN (Qualified Health Information Network).*

- Trebuchet Goals: Accelerate FHIR Adoption and scaling of FHIR API's
  - Phase 1: Engage 3 payers, 3 providers, 2+ QHINs/vendors by 6/30/24
  - Phase 2: Engage 10 payers, 10 providers, 3+ QHINs, 5+ vendors by 3/31/25
- eHealth Exchange is working with numerous organizations on proof of concept projects for both Prior Authorization and CDex.
  - Phase 1 of the Trebuchet goals is in full swing and eHealth Exchange will provide go live updates in the next All Participant Call.
- Trebuchet has bi-weekly public calls every other Thursday.

For more information on Trebuchet: [Da Vinci Trebuchet FHIR Pilots - Da Vinci - Confluence \(hl7.org\)](#)



# Coordinating Committee Elections

## 2024 Coordinating Committee (CC) Seats

	<b>Representative</b>	<b>Term Date</b>
<b>HIO</b>	Dan Paoletti	9/30/2026
	John Kansky	9/30/2026
	<b>Pam Matthews</b>	<b>9/30/2024</b>
<b>IDN</b>	Patti Cuartas, PA	9/30/2026
	Matt Eisenberg, MD	9/30/2026
	Paul Matthews	9/30/2026
<b>Other</b>	Arun Gopalan	9/30/2026
	<b>Open (formerly Eric Liederman)</b>	<b>9/30/2024</b>
	<b>Derek Plansky</b>	<b>9/30/2024</b>

# 2024 Coordinating Committee (CC) Election Timeline

- Nominating Committee – Nominating Committee selected (Matt Eisenberg, Paul Matthews, Hussein Ezzeldin, and Dan Paoletti)
- Announce elections during monthly All Participant – June and July
- July 12 - Email Participant notice for elections
- **July 15 – July 26 - Open for applications**
- July 29 - August 9 - Nominating Committee Review Applications
- August 9 - Nominating Committee finalizes slate of nominees
- August 20 - Coordinating Committee approves slate of nominees
- **August 26 – August 30 - Participants Vote**
- September 3 - 6 - Time for a runoff if needed
- Sept 17 - New Coordinating Committee Members shadow CC Call
- Sept 19 - Notice to Participants on monthly All Participant Call
- Sept 23 – October 11, Orientation
- **October 15 - First New CC Member meeting**

# QHIN Update

# eHealth Exchange QHIN Volume Metrics

eHealth Exchange QHIN Transaction Volume – As A Responder (June 2024)

Transaction Type	Patient Discovery Requests from Other QHINs to eHealth Exchange QHIN	% NOT Matched Due to Out of Service Area	Requests from Other QHINs Forwarded to eHx QHIN Participants	eHealth QHIN Participant Match Results	Avg Response Time in Seconds (eHx Hub + Participant)
Patient Discovery	18,727,421 49%↑	99.8%	~31,612 14%↑	~28,321 (79%) 12%↑	1.17
Document Query	n/a	n/a	4,317 30%↓	2,889 clinical documents Identified	0.55
Document Retrieve	n/a	n/a	560 48%↓	560 clinical documents retrieved	2.42



1. ↑↓ Month-over-month percentage change in **total requests** has been added
2. Two of our QHIN Participants started initiating requests in July and therefore in August we will begin to report on initiating metrics
3. Interestingly, after the eHealth Exchange QHIN returns patient matches to Epic via TEFCA, Epic initiates QD & RD through the traditional eHealth Exchange network (not through TEFCA network). This is Epic's default behavior, although it appears Epic customers can override this.

## QHIN-to-QHIN Exchange

### 2024 Performance Measures\*

\* Based on QTF-124 requirement within QTF v1.1



#### Performance Measures

In order to accurately measure the effectiveness of QHIN-to-QHIN exchange, the RCE will collect several performance measures from QHINs. These data are meant to assess the performance of QHINs for each use case. The measures by themselves will not directly impact a QHIN's Designation status.

#### QTF-124

The following data MUST be submitted to the RCE for each calendar month by the 15th of the following month:

- Downtime for the QHIN's gateway Actors (e.g., Initiating Gateway, Responding Gateway) in minutes in the reporting month. Reports MUST include planned and unplanned downtime by Actor.
- As a QHIN Initiating Gateway:
  - a. Raw count of successful (i.e., completed without error) QHIN-to-QHIN transactions, per Responding QHIN, within the reporting period for each of:
    1. Patient discovery
    2. Document query
    3. Document retrieve
    4. Message delivery
  - b. Raw count of errors in QHIN-to-QHIN transactions, per Responding QHIN per IHE metadata error code received within the reporting period.
  - c. Raw count of connectivity errors per Responding QHIN received within the reporting period.
  - d. Average response time for each QHIN-to-QHIN transaction, per Responding QHIN transacted with during the reporting period. Each data point must include the message type, average response time, and Responding QHIN.
  - e. Total number of documents retrieved via QHIN Query within the reporting period.
  - f. Total number of documents successfully delivered via Message Delivery within the reporting period.
- As a QHIN Responding Gateway:
  - a. Average response time for each QHIN-Participant transaction by HCID within the reporting period.
  - b. Total number of messages received via QHIN Message Delivery within the reporting period.

# Submitted (June)

## QHIN-to-QHIN Exchange 2024 Performance Measures\*

### As Responding Gateway

\* Based on QTF-124 requirement within QTF v1.1

#### Average response time for each QHIN-Participant transaction by HCID

YYYY-MM	eHx Responding	eHx Responding	Message	Average
2024-06			ITI-55	1.10
2024-06			ITI-38	0.48
2024-06			ITI-39	2.38
2024-06			ITI-80	n/a
2024-06			ITI-55	1.30
2024-06			ITI-38	0.69
2024-06			ITI-39	n/a
2024-06			ITI-80	n/a

#### Total number of messages received via QHIN Message Delivery

YYYY-MM	Documents
2024-06	0

# Exchanging PHI via the eHealth Exchange QHIN

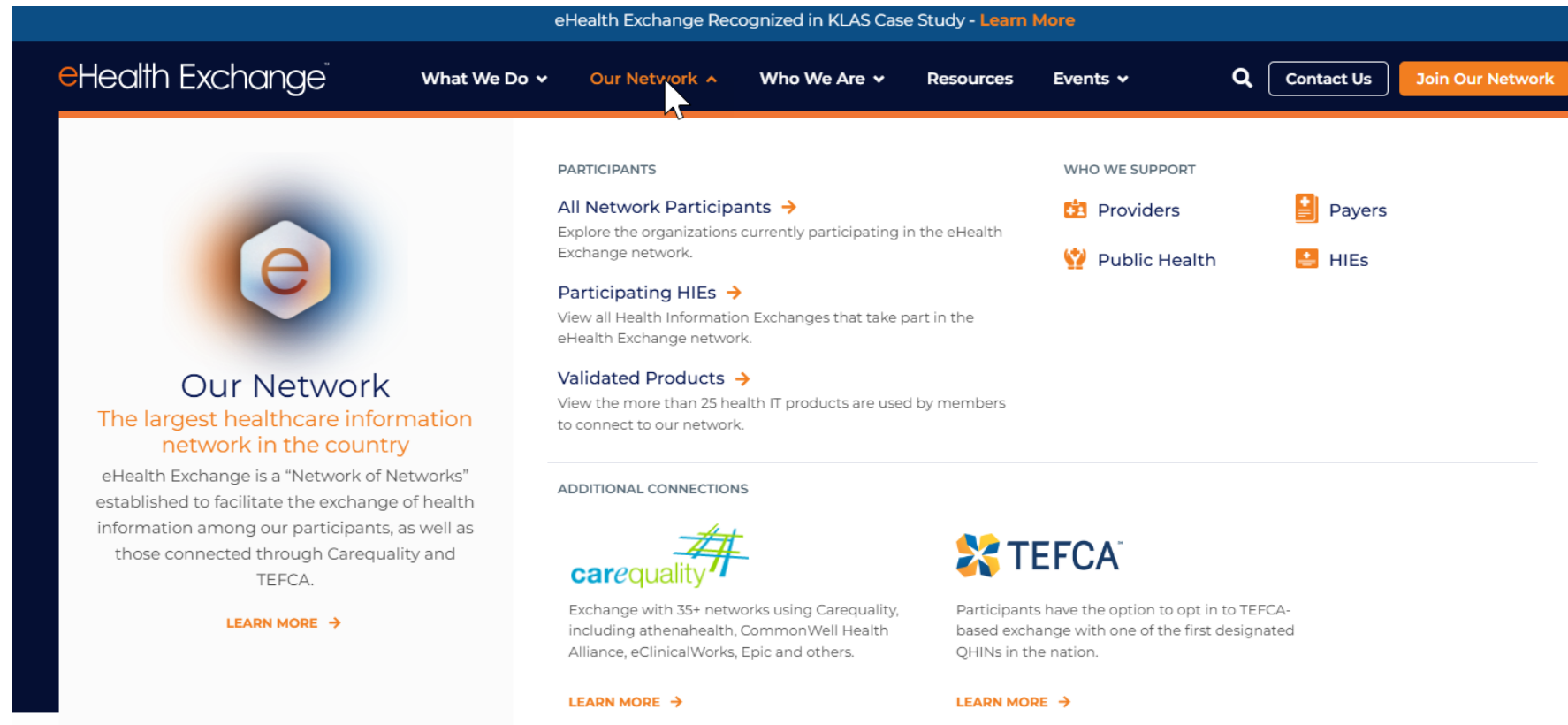




# Events & Other News

# Updated eHealth Exchange Website

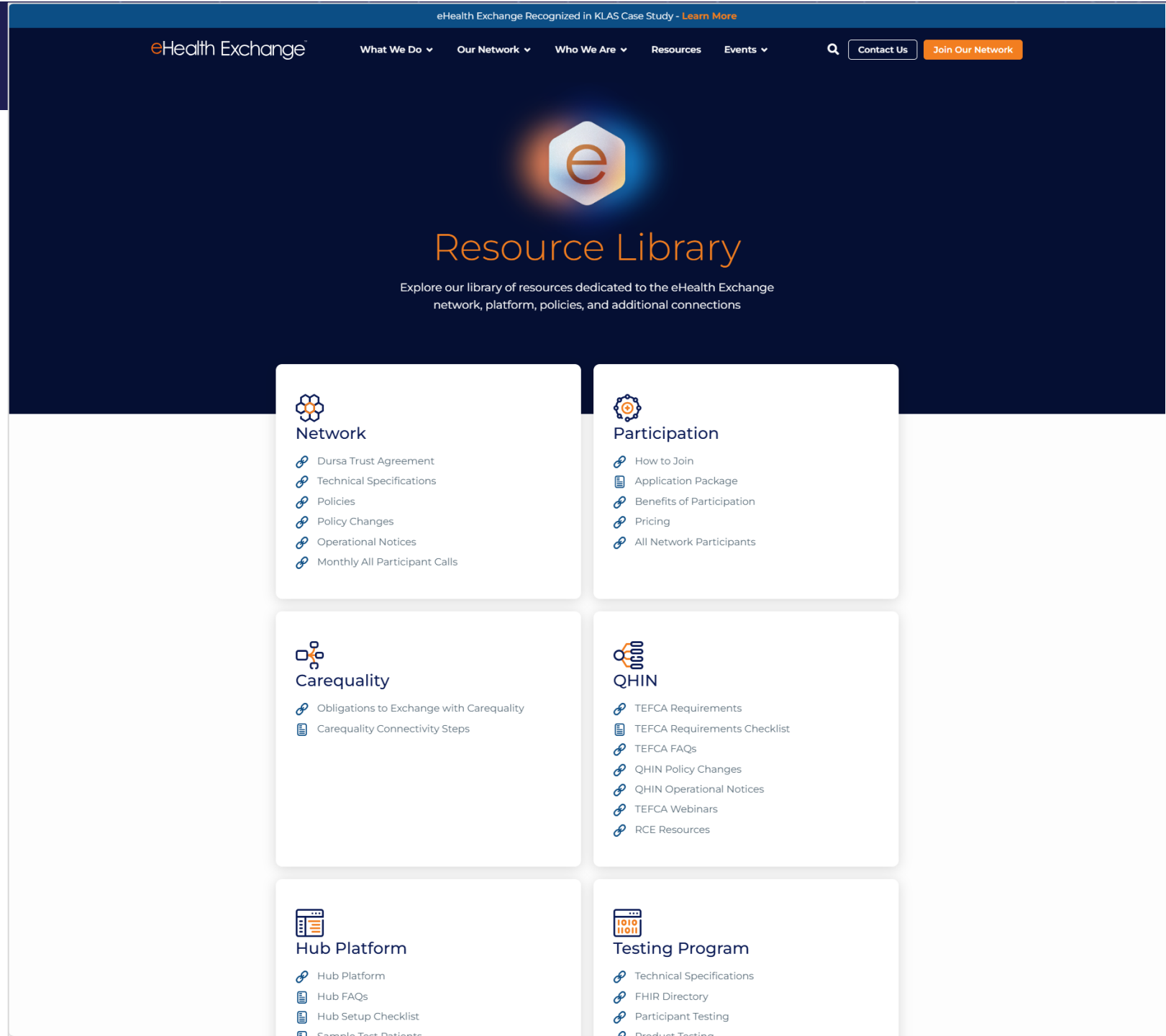
**New!**  
Web Pages  
Content/Messaging



# Updated eHealth Exchange Website

**New!**

## Resource Library



# Upcoming Events

## August

[Medicaid Enterprise Systems  
Community \(MESCC\) 2024](#)

August 12-15, 2024 | Louisville, KY

**Speaking: Jay Nakashima with  
Gary Parker (Alabama One  
Record)**

[BCBS eSolutions Xchange](#)

August 25-28, 2024 | Amelia  
Island, FL

**Exhibiting Booth #11**

**Speaking: Jay Nakashima**

## September

**None at this time.**

## October

[Civitas Annual Meeting](#)

October 15-17, 2024 | Detroit, MI

**Exhibiting & Speaking**

[WEDI National Conference](#)

October 15-17, 2024 | Washington, DC

**Speaking: Jay Nakashima**

## November

[NCQA Health Innovation Summit](#)

October 31- November 2, 2024 |

Nashville, TN

**Exhibiting Booth #415**

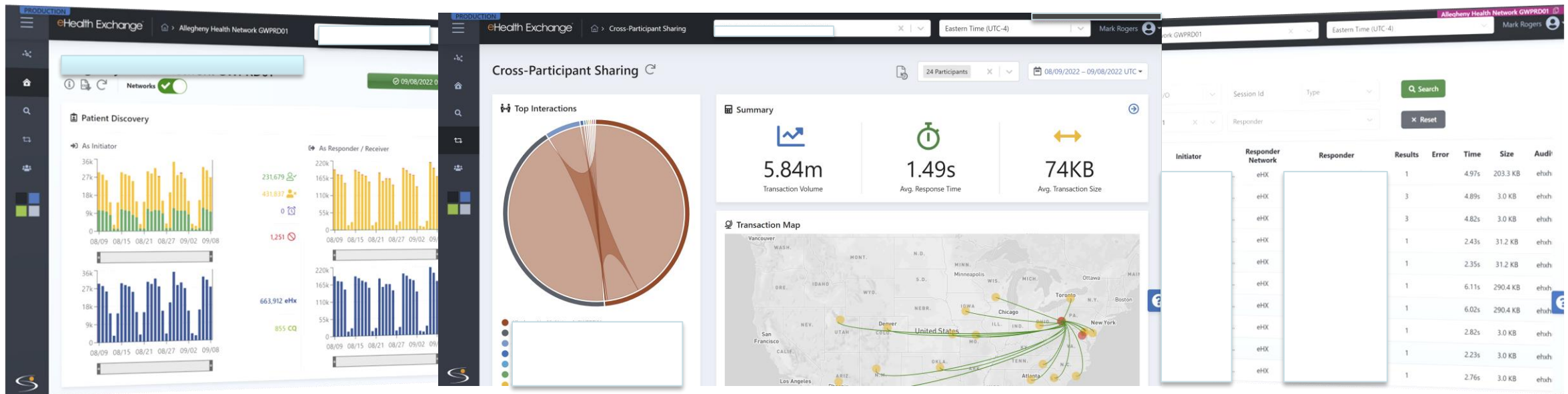
# Information & Resources

# Contacts for Your Organization

We want to ensure that we are reaching the right people at your organization with our communications.

- If you have had recent or past changes and are unsure if we have an updated list: email [administrator@ehealthexchange.org](mailto:administrator@ehealthexchange.org) requesting the Contact List Template to complete and return.
- The template asks name, title, phone number, email address, and what type of emails the resource should receive.
- This will assist eHealth Exchange and each Participant in knowing that the communication we send is received appropriately.

# Your Hub Dashboard – Your web portal providing interoperability insights.

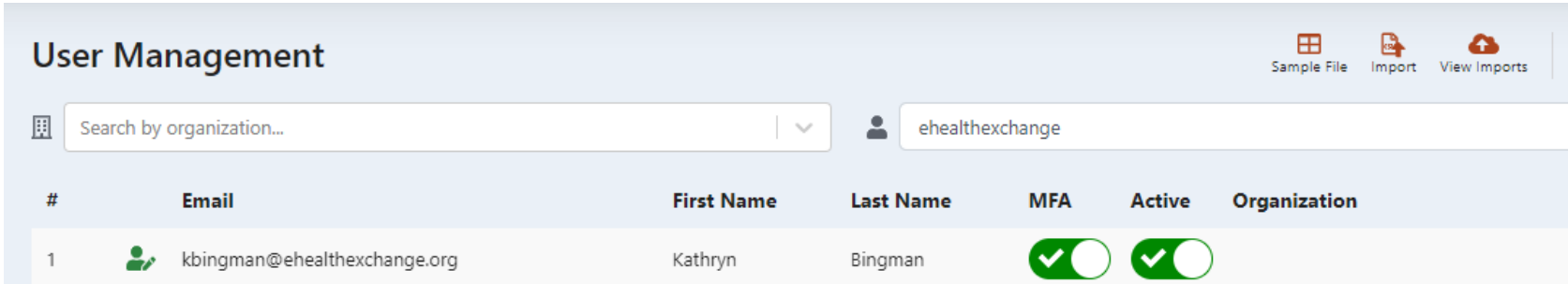



- Identify transaction volume, response times, drill-down, & download.
- Who is querying your organization?
- Where are your clinicians searching?
- How much care occurs outside your organization?

Access Hub Dashboard: <https://insightsprod.ehealthexchange.org/#/hub>

# Hub Dashboard Access

Don't forget to maintain your Hub Dashboard accounts! If nobody at your organization currently has the rights to add/remove Dashboard accounts, please reach out to us at [administrator@ehealthexchange.org](mailto:administrator@ehealthexchange.org).



#	Email	First Name	Last Name	MFA	Active	Organization
1	 kbingman@ehealthexchange.org	Kathryn	Bingman	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	



# Weekly Technical Work Group

**Thursdays 4-5pm Eastern:** email [administrator@ehealthexchange.org](mailto:administrator@ehealthexchange.org) for an invite

## Typical Topics:

1. Technical Specifications
2. Testing
3. Hub Updates
4. Capacity planning [Final Thursday each month]

Request an invite: <https://ehealthexchange.org/technical-workgroup-form/>

## How might I obtain assistance?

What	Who	How
Certificates	DirectTrust Support	<a href="mailto:support@directtrust.zohodesk.com">support@directtrust.zohodesk.com</a>
Hub and Hub Dashboard Assistance	Hub Service Desk	<a href="mailto:servicedesk@hub.ehealthexchange.org">servicedesk@hub.ehealthexchange.org</a>
Directory Assistance, setup, changes	Tech Support	<a href="mailto:techsupport@ehealthexchange.org">techsupport@ehealthexchange.org</a>
Testing Questions	Testing Team	<a href="mailto:testing@ehealthexchange.org">testing@ehealthexchange.org</a>
Questions about the DURSA, policy, or anything else!	Administrator	<a href="mailto:administrator@ehealthexchange.org">administrator@ehealthexchange.org</a>

Visit: <https://ehealthexchange.org/contact-us/>



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